WHAT IS CLAIMED IS:

1	1. An anastomosis device comprising:		
2	a component configured to be secured to a vessel and having an opening adapted		
3	to be placed in fluid communication with a lumen of the vessel;		
4	wherein the component comprises a material having the ability to produce or be		
5	attracted by a magnetic field; and		
6	wherein the component is configured to be secured to the vessel substantially		
7	without any fixation structure being present in the vessel lumen.		
. 1	2. The device of claim 1, wherein the component is configured to be secured		
2	to the vessel without any fixation structure being present in the vessel lumen.		
<u>1</u>	The device of claim 1, wherein the component has a surface configured to		
D ₂	be secured to the vessel wall by adhesive.		
1 2 1 1 1 1 2 1 3 1 3 1 3 1 3 1 3 1 3 1	4. An anastomosis device comprising:		
}≛ ฏื2	a component having a portion configured to be adhered to a wall of a vessel by		
_	biocompatible adhesive to define a blood flow path into the vessel; and		
.⊒ 144	wherein the component is configured to be secured to the vessel wall by an		
#44 55 # 1111111111111111111111111111111111	additional, nonadhesive-based attachment mechanism.		
	The device of claim 4 wherein the portion of the component and the		
#4 #41	5. The device of claim 4, wherein the portion of the component and the		
2	attachment mechanism are configured to secure the component to the vessel without any fixation		
3	structure being present in the vessel lumen.		
1	6. The device of claim 4, wherein the component comprises a material		
2	having the ability to produce or be attracted by a magnetic field.		
1	7. An anastomosis device comprising:		
2	a component configured to be secured to a vessel and having an opening adapted		
3	to be placed in fluid communication with a lumen of the vessel;		
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4	wnere	em the component comprises a material having the ability to produce of oc	
5	attracted by a magnetic field; and		
6	wherein the component has a portion that is at least partially curved.		
1	8.	The device of claim 7, wherein the component is configured to be secured	
2	to the vessel wall by an adhesive.		
1	9.	A method for forming an anastomosis comprising:	
2		(a) providing a first vessel with a first anastomotic component;	
3		(b) providing a second vessel with a second anastomotic component; and	
4		(c) coupling the first and second anastomotic components to place their	
5	lumens in fluid communication;		
6		(d) wherein at least one of steps (a) and (b) is performed at least in part by	
7	securing the anastomotic component to the vessel using adhesive.		
1	10.	The method of claim 9, wherein step (c) is performed at least in part by	
.2	using magnetic force to couple the anastomotic components.		
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